



# HANDS ON GAS APPLIANCE TECHNICAL TRAINING

This technical training is geared towards individuals with a basic understanding of gas hearth appliances. We will be building on your existing foundation of knowledge and skills. You will earn 12 technical NFI / CSIA CEU's when you attend the 2 full days.

Course # 5034 - 2 Day Hands on Tech Training 

Members: \$349  
Non-members: \$599

## DAY 1

- \* Characteristics of Fuel Gases
- \* Principles of Combustion
- \* Controlling BTU's
- \* Combustion Air Requirements
- \* Gas Pipe Sizing
- \* Codes and Standards IFGC and NFGC
- \* Categorizing Gas Appliances
- \* Venting
- \* Millivolt Valves

### CLASS FORMAT

There will be class discussion with group interaction and real life scenarios. Individuals will demonstrate hands-on knowledge of the material taught and identify where more instruction may be needed. We will break into teams for an overview of all topics covered and class will demonstrate their knowledge upon completion.

## DAY 2

- \* Proper procedures for Service
- \* How-to with tools
- \* CO and its effects
- \* Fuel Conversion
- \* Interpreting Codes
- \* Basic Electricity
- \* Electronic Valves
- \* Review of Valves and controlling Voltage
- \* Troubleshooting

### INSTRUCTOR: Russ Wold

Russ Wold has spent the majority of his adult life in the Hearth Industry. He began his official hearth career as a rep for the Earth Stove for 5 years followed by a 6 year stint as a store owner. He then returned as an independent rep and eventually a direct employee for Hearth and Home Technologies for 16 years. Most recently he is an independent factory rep and has served for many years on the HPBA Pacific board of directors.

## TWO LOCATIONS/DATES TO CHOOSE FROM!

**San Diego**  
August 6 & 7

Warm Hearth  
8748 La Mesa Blvd,  
La Mesa, CA 91942

**Sacramento**  
August 13 & 14

Associated Energy Systems  
3250 Reed Ave,  
West Sacramento, CA 95605